

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090320\
 Data File : VU040028.D
 Acq On : 03 Sep 2020 10:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Sep 04 02:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 03 01:16:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131910	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29050	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	24787	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.58	63	79427	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.65	46	134407	46.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.32%
24) Chloroform-d	5.08	84	74393	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	45529	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.74	84	134159	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	42844	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	120610	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.18	79	19739	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	101718	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41141	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46916	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	58907	4.500	ug/L 100
3) Chloromethane	1.53	50	61114	4.876	ug/L 100
5) Vinyl chloride	1.61	62	59438	4.678	ug/L 98
6) Bromomethane	1.87	94	32806	5.051	ug/L 95
8) Chloroethane	1.94	64	33213	4.349	ug/L 99
9) Trichlorofluoromethane	2.15	101	88490	4.862	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55202	4.679	ug/L 98
12) 1,1-Dichloroethene	2.59	96	47791	4.682	ug/L 97
13) Acetone	2.65	43	123440	46.289	ug/L 97
14) Carbon disulfide	2.81	76	148167	4.527	ug/L 98
15) Methyl Acetate	2.96	43	29984	4.480	ug/L 98
16) Methylene chloride	3.06	84	57239	4.282	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	140090	4.553	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	50987	4.643	ug/L 92
19) 1,1-Dichloroethane	3.89	63	102361	4.528	ug/L 99
21) 2-Butanone	4.73	43	206724	47.482	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	54874	4.647	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25461	4.921	ug/L	97
25) Chloroform	5.11	83	108566	4.690	ug/L	97
27) 1,2-Dichloroethane	5.81	62	79120	4.665	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	92156	4.571	ug/L	99
30) Cyclohexane	5.40	56	89611	4.584	ug/L	99
31) Carbon tetrachloride	5.54	117	79784	4.624	ug/L	98
33) Benzene	5.79	78	214922	4.679	ug/L	100
34) Trichloroethene	6.55	95	58698	4.764	ug/L	97
35) Methylcyclohexane	6.77	83	86235	4.571	ug/L	98
37) 1,2-Dichloropropane	6.80	63	60397	4.856	ug/L	100
38) Bromodichloromethane	7.11	83	80125	4.719	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	82378	4.491	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	492365	48.248	ug/L	100
42) Toluene	7.98	91	228832	4.837	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	80254	4.722	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	42764	4.720	ug/L	94
47) Tetrachloroethene	8.56	164	37375	4.618	ug/L	97
48) 2-Hexanone	8.69	43	365477	49.098	ug/L	99
49) Dibromochloromethane	8.81	129	51303	4.717	ug/L	96
50) 1,2-Dibromoethane	8.93	107	42080	4.817	ug/L	99
51) Chlorobenzene	9.45	112	143186	4.875	ug/L	100
52) Ethylbenzene	9.57	91	255063	4.746	ug/L	100
53) m,p-Xylene	9.69	106	95299	4.980	ug/L	98
54) o-Xylene	10.10	106	91303	5.007	ug/L	97
55) Styrene	10.11	104	163696	5.162	ug/L	97
56) Isopropylbenzene	10.48	105	250845	5.044	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	57672	4.964	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	45660	4.955	ug/L	100
61) Bromoform	10.29	173	26202	4.319	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	112535	4.654	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	115485	4.720	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	107278	4.586	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	10449	4.176	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	79383	4.669	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	67047	4.579	ug/L	99
69) Naphthalene	14.08	128	131211	4.299	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	60311	4.484	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

